

# T T Shimizu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3413220/publications.pdf>

Version: 2024-02-01

50  
papers

1,975  
citations

186265

28  
h-index

243625

44  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2445  
citing authors

#	ARTICLE	IF	CITATIONS
1	The KMOS <sup>3D</sup> Survey: Demographics and Properties of Galactic Outflows at $z=0.6-2.7^*$ . <i>Astrophysical Journal</i> , 2019, 875, 21.	4.5	118
2	Molecular outflows in local galaxies: Method comparison and a role of intermittent AGN driving. <i>Astronomy and Astrophysics</i> , 2020, 633, A134.	5.1	85
3	The Evolution and Origin of Ionized Gas Velocity Dispersion from $z=0.6$ to $z=2.6$ with KMOS <sup>3D</sup> . <i>Astrophysical Journal</i> , 2019, 880, 48.	4.5	84
4	Decreased specific star formation rates in AGN host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1841-1860.	4.4	79
5	The KMOS <sup>3D</sup> Survey: Data Release and Final Survey Paper*. <i>Astrophysical Journal</i> , 2019, 886, 124.	4.5	79
6	BAT AGN Spectroscopic Survey. XII. The relation between coronal properties of active galactic nuclei and the Eddington ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1819-1830.	4.4	78
7	Ionized outflows in local luminous AGN: what are the real densities and outflow rates?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4150-4177.	4.4	78
8	BAT AGN Spectroscopic Survey. XI. The Covering Factor of Dust and Gas in Swift/BAT Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 870, 31.	4.5	72
9	An image of the dust sublimation region in the nucleus of NGC 1068. <i>Astronomy and Astrophysics</i> , 2020, 634, A1.	5.1	67
10	Kiloparsec Scale Properties of Star Formation Driven Outflows at $z=2.3$ in the SINS/zC-SINF AO Survey*. <i>Astrophysical Journal</i> , 2019, 873, 122.	4.5	65
11	The Galaxy Activity, Torus, and Outflow Survey (GATOS). <i>Astronomy and Astrophysics</i> , 2021, 652, A98.	5.1	60
12	Constraining the Nature of the PDS 70 Protoplanets with VLT/GRAVITY. <i>Astronomical Journal</i> , 2021, 161, 148.	4.7	59
13	LLAMA: normal star formation efficiencies of molecular gas in the centres of luminous Seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5658-5679.	4.4	57
14	Herschel far-infrared photometry of the Swift Burst Alert Telescope active galactic nuclei sample of the local universe. III. Global star-forming properties and the lack of a connection to nuclear activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3161-3183.	4.4	56
15	Molecular and Ionized Gas Phases of an AGN-driven Outflow in a Typical Massive Galaxy at $z=2$ . <i>Astrophysical Journal</i> , 2019, 871, 37.	4.5	56
16	Rotation Curves in $z=2$ Star-forming Disks: Evidence for Cored Dark Matter Distributions. <i>Astrophysical Journal</i> , 2020, 902, 98.	4.5	55
17	The multiphase gas structure and kinematics in the circumnuclear region of NGC 5728. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5860-5887.	4.4	54
18	BAT AGN Spectroscopic Survey. XX. Molecular Gas in Nearby Hard-X-Ray-selected AGN Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 2021, 252, 29.	7.7	52

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19	The resolved size and structure of hot dust in the immediate vicinity of AGN. <i>Astronomy and Astrophysics</i> , 2020, 635, A92.	5.1	46
20	Ionized and Molecular Gas Kinematics in a $z \approx 1.4$ Star-forming Galaxy*. <i>Astrophysical Journal Letters</i> , 2018, 854, L24.	8.3	43
21	<i>HERSCHEL</i> FAR-INFRARED PHOTOMETRY OF THE <i>SWIFT</i> BURST ALERT TELESCOPE ACTIVE GALACTIC NUCLEI SAMPLE OF THE LOCAL UNIVERSE. I. PACS OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 794, 152.	4.5	41
22	The spatially resolved broad line region of IRAS 09149+6206. <i>Astronomy and Astrophysics</i> , 2020, 643, A154.	5.1	39
23	An Accreting Supermassive Black Hole Irradiating Molecular Gas in NGC 2110. <i>Astrophysical Journal Letters</i> , 2019, 875, L8.	8.3	38
24	The central parsec of NGC 3783: a rotating broad emission line region, asymmetric hot dust structure, and compact coronal line region. <i>Astronomy and Astrophysics</i> , 2021, 648, A117.	5.1	37
25	LLAMA: The $M_{\text{BH}}$ vs $\dot{M}_{\text{f}}$ relation of the most luminous local AGNs. <i>Astronomy and Astrophysics</i> , 2020, 634, A114.	5.1	33
26	DO MOST ACTIVE GALACTIC NUCLEI LIVE IN HIGH STAR FORMATION NUCLEAR CUSPS?. <i>Astrophysical Journal Letters</i> , 2014, 781, L34.	8.3	32
27	The $\text{CO}(3 \rightarrow 2)/\text{CO}(1 \rightarrow 0)$ Luminosity Line Ratio in Nearby Star-forming Galaxies and Active Galactic Nuclei from xCOLD GASS, BASS, and SLUGS. <i>Astrophysical Journal</i> , 2020, 889, 103.	4.5	29
28	<i>Herschel</i> far-infrared photometry of the <i>Swift</i> Burst Alert Telescope active galactic nuclei sample of the local universe II. SPIRE observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3335-3353.	4.4	28
29	BAT AGN Spectroscopic Survey XIX. Type 1 versus type 2 AGN dichotomy from the point of view of ionized outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5867-5880.	4.4	28
30	Constraining particle acceleration in Sgr A <sup>*</sup> with simultaneous GRAVITY, <i>Spitzer</i> , <i>NuSTAR</i> , and <i>Chandra</i> observations. <i>Astronomy and Astrophysics</i> , 2021, 654, A22.	5.1	28
31	AGN feedback in a galaxy merger: multi-phase, galaxy-scale outflows with a fast molecular gas blob $\sim 46$ kpc away from IRAS F08572+3915. <i>Astronomy and Astrophysics</i> , 2020, 635, A47.	5.1	25
32	BAT AGN Spectroscopic Survey. VIII. Type 1 AGN with Massive Absorbing Columns. <i>Astrophysical Journal</i> , 2018, 856, 154.	4.5	24
33	The Diverse Molecular Gas Content of Massive Galaxies Undergoing Quenching at $z \sim 1$ . <i>Astrophysical Journal Letters</i> , 2021, 909, L11.	8.3	24
34	From Nuclear to Circumgalactic: Zooming in on AGN-driven Outflows at $z \sim 2.2$ with SINFONI. <i>Astrophysical Journal</i> , 2020, 894, 28.	4.5	21
35	THE FIRST HARD X-RAY POWER SPECTRAL DENSITY FUNCTIONS OF ACTIVE GALACTIC NUCLEUS. <i>Astrophysical Journal</i> , 2013, 770, 60.	4.5	19
36	The KMOS <sup>3D</sup> Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 \lesssim z \lesssim 3$ . <i>Astrophysical Journal</i> , 2021, 909, 78.	4.5	19

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37	Rotation Curves in $z \sim 1/4$ Star-forming Disks: Comparison of Dark Matter Fractions and Disk Properties for Different Fitting Methods. <i>Astrophysical Journal</i> , 2021, 922, 143.	4.5	19
38	Local <i>Swift</i> -BAT active galactic nuclei prefer circumnuclear star formation. <i>Astronomy and Astrophysics</i> , 2018, 609, A9.	5.1	18
39	Molecular gas inflows and outflows in ultraluminous infrared galaxies at $z \sim 0.2$ and one QSO at $z = 6.1$ . <i>Astronomy and Astrophysics</i> , 2020, 633, L4.	5.1	17
40	The kinematics and dark matter fractions of TNG50 galaxies at $z = 2$ from an observational perspective. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4597-4619.	4.4	17
41	The GRAVITY young stellar object survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A73.	5.1	16
42	Significant Suppression of Star Formation in Radio-quiet AGN Host Galaxies with Kiloparsec-scale Radio Structures. <i>Astrophysical Journal</i> , 2020, 904, 83.	4.5	15
43	Investigating the Covering Fraction Distribution of <i>Swift</i> /BAT AGNs with X-Ray and Infrared Observations. <i>Astrophysical Journal</i> , 2019, 870, 26.	4.5	14
44	LLAMA: nuclear stellar properties of <i>Swift</i> -BAT AGN and matched inactive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4582-4611.	4.4	13
45	A geometric distance to the supermassive black Hole of NGC 3783. <i>Astronomy and Astrophysics</i> , 2021, 654, A85.	5.1	11
46	The BAT AGN Spectroscopic Survey. XVIII. Searching for Supermassive Black Hole Binaries in X-Rays. <i>Astrophysical Journal</i> , 2020, 896, 122.	4.5	11
47	The Role of Host Galaxy for the Environmental Dependence of Active Nuclei in Local Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx045.	4.4	7
48	LLAMA: Stellar populations in the nuclei of ultra-hard X-ray-selected AGN and matched inactive galaxies. <i>Astronomy and Astrophysics</i> , 2021, 654, A132.	5.1	6
49	Determining Subparsec Supermassive Black Hole Binary Orbits with Infrared Interferometry. <i>Astrophysical Journal</i> , 2020, 905, 33.	4.5	3
50	Ionized outflows in local luminous AGN: Density and outflow rate. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 226-231.	0.0	0